

IFW

Patent
Case No.: 51952US018

32692

Customer Number



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: BENSON, GERALD M.

Application No.: 10/757127

Group Art Unit: 2872

Filed: January 14, 2004

Examiner: Unknown

Title: RETROREFLECTIVE CUBE CORNER SHEETING MOLD AND
METHOD FOR MAKING THE SAMEINFORMATION DISCLOSURE STATEMENTCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

June 29, 2004

Date

Signed by: ~~James V. Lilly~~

Michelle Murphy

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. Copies of any cited foreign patents, non-patent literature, and unpublished US application documents are enclosed. Pursuant to the waiver in the Pre-OG Notice, dated July 11, 2003, copies of US patents and published US patent applications are no longer required and are not enclosed. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

It is believed that no fee is due; however, in the event a fee is required, please charge the fee to Deposit Account No. 13-3723.

Respectfully submitted,

Date

6-29-04

By:

James V. Lilly

James V. Lilly, Reg. No.: 27,817

Telephone No.: (651) 736-1543

Office of Intellectual Property Counsel
3M Innovative Properties Company
Facsimile No.: 651-736-3833

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Page 1 of 3



Application Number

10/757127

Filing Date

January 14, 2004

First Named Inventor

Benson, Gerald M.

Art Unit

2872

Examiner Name

Attorney Case Number

51952US018

U.S. Patent Documents

| Exam. Init.* | Cite No. | Document Number | Publication Date or Issue Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-----------------|-------------|----------------------------------|-------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|
| | | Doc. Number-(Kind Code if Known) | | | |
| | A1 | Re. 29,396 | 09/13/77 | Heenan | |
| | A2 | 835,648 | 11/13/06 | Straubel | |
| | A3 | 1,591,572 | 07/06/26 | Stimson | |
| | A4 | 1,671,086 | 05/22/28 | Stimson | |
| | A5 | 3,190,178 | 06/22/65 | McKenzie | |
| | A6 | 3,417,959 | 12/24/68 | Schultz | |
| | A7 | 3,541,606 | 11/17/70 | Heenan et al. | |
| | A8 | 3,632,695 | 01/04/72 | Howell | |
| | A9 | 3,684,348 | 08/15/72 | Rowland | |
| | A10 | 3,712,706 | 01/23/73 | Stamm | |
| | A11 | 3,873,184 | 03/25/75 | Heenan | |
| | A12 | 3,922,065 | 11/25/75 | Schultz | |
| | A13 | 3,924,928 | 12/09/75 | Trimble | |
| | A14 | 3,926,402 | 12/16/75 | Heenan | |
| | A15 | 4,025,159 | 05/24/77 | McGrath | |
| | A16 | 4,066,236 | 01/03/78 | Lindner | |
| | A17 | 4,066,331 | 01/03/78 | Lindner | |
| | A18 | 4,073,568 | 02/14/78 | Heasley | |
| | A19 | 4,095,773 | 06/20/78 | Lindner | |
| | A20 | 4,189,209 | 02/19/80 | Heasley | |
| | A21 | 4,478,769 | 10/23/84 | Pricone et al. | |
| | A22 | 4,588,258 | 05/13/86 | Hoopman | |
| | A23 | 4,601,861 | 07/22/86 | Pricone et al. | |
| | A24 | 4,775,219 | 10/04/88 | Appeldorn et al. | |
| | A25 | 4,895,428 | 01/23/90 | Nelson et al. | |
| | A26 | 4,938,563 | 07/03/90 | Nelson et al. | |
| | A27 | 5,066,098 | 11/19/91 | Kult et al. | |
| | A28 | 5,156,863 | 10/20/92 | Pricone et al. | |

*Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------------|
| Substitute for form 1449A/PTO (modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Page 3 of 3 | Application Number | 10/757127 |
| | Filing Date | January 14, 2004 |
| | First Named Inventor | Benson, Gerald M. |
| | Art Unit | 2872 |
| | Examiner Name | |
| | Attorney Case Number | 51952US018 |

| Foreign Patent Documents | | | | | | | |
|--------------------------|----------|-------------------------|----------------------------|--------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------|
| Exam. Init.* | Cite No. | Foreign Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Translation (Check if yes) |
| | | Ctry. Code | Number-KindCode (If known) | | | | |
| | B3 | | DE 42 36 799 A1 | 05/05/94 | Germany | | Yes |
| | B4 | | DE 42 40 680 A1 | 06/09/94 | Germany | | Yes |
| | B5 | | DE 44 10 994 C2 | 10/05/95 | Germany | | Yes |
| | B6 | | DE 44 29 683 C1 | 03/21/96 | Germany | | Yes |
| | B7 | | G 92 17 179.6 | 06/03/93 | Germany | | Yes |
| | B8 | | OS 19 17 292 | 10/15/70 | Germany | | Yes |
| | B9 | | JP 8-309851 | 11/26/96 | Japan | | Yes |
| | B10 | | WO 94/18581 | 08/18/94 | PCT | | Yes |
| | B11 | | WO 95/11464 | 4/27/95 | PCT | | |
| | B12 | | WO 97/08806 | 3/6/1987 | PCT | | |
| | B13 | | WO 97/45255 | 12/04/97 | PCT | | |
| | B14 | | WO 97/27035 | 07/31/97 | PCT | | |
| | B15 | | | | | | |
| | B16 | | | | | | |
| | B17 | | | | | | |

| OTHER DOCUMENTS | | | |
|-----------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Exam. Init.* | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | Translation (Check if yes) |
| | C1 | Cooke, "Optical Activities In Industry," <u>Applied Optics</u> , Vol. 20, No. 8, April 15, 1981 | |
| | C2 | Eckhardt, H.D., "Simple Model of Corner Reflector Phenomena," <u>Applied Optics</u> , July, 1971, Vol. 10, No. 7, pp. 1559-1566 | |
| | C3 | | |

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| *Examiner: | Date Considered: |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Page 2 of 3

Application Number

10/757127

Filing Date

January 14, 2004

First Named Inventor

Benson, Gerald M.

Art Unit

2872

Examiner Name

Attorney Case Number

51952US018

U.S. Patent Documents

| Exam. Init.* | Cite No. | Document Number | Publication Date or Issue Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-----------------|-------------|----------------------------------|-------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|
| | | Doc. Number-(Kind Code if Known) | | | |
| | A29 | 5,300,263 | 04/05/94 | Hoopman et al. | |
| | A30 | 5,450,235 | 09/12/95 | Smith et al. | |
| | A31 | 5,557,836 | 09/24/96 | Smith et al. | |
| | A32 | 5,564,870 | 10/15/96 | Benson et al. | |
| | A33 | 5,585,164 | 12/17/96 | Smith et al. | |
| | A34 | 5,600,484 | 02/04/97 | Benson et al. | |
| | A35 | 5,734,501 | 03/31/98 | Smith | |
| | A36 | 5,898,523 | 04/27/99 | Smith et al. | |
| | A37 | 5,936,770 | 08/10/99 | Nestegard et al. | |
| | A38 | 5,981,032 | 11/09/99 | Smith et al. | |
| | A39 | 6,010,609 | 01/04/00 | Mimura et al. | |
| | A40 | 6,015,214 | 01/18/00 | Heenan et al. | |
| | A41 | 6,114,009 | 09/05/00 | Smith | |
| | A42 | 6,120,280 | 09/19/00 | Mimura et al. | |
| | A43 | 6,120,881 | 09/19/00 | Smith et al. | |
| | A44 | 6,159,407 | 12/12/00 | Krinke et al. | |
| | A45 | 6,253,442 B1 | 07/03/01 | Benson et al. | |
| | A46 | 6,257,860 B1 | 07/10/01 | Luttrell et al. | |
| | A47 | 6,302,992 B1 | 10/16/01 | Smith et al. | |
| | A48 | 6,318,987 B1 | 11/20/01 | Luttrell et al. | |
| | A49 | 6,386,855 | 05/14/02 | Luttrell et al. | |
| | A50 | 6,447,878 B1 | 09/10/02 | Smith et al. | |
| | A51 | 6,533,887 B1 | 03/18/03 | Smith et al. | |

Foreign Patent Documents

| Exam. Init.* | Cite No. | Foreign Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Translation (Check if yes) |
|-----------------|-------------|-------------------------|----------------------------|--------------------------------|-------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------|
| | | Ctry. Code | Number-KindCode (If known) | | | | |
| ✓ | B1 | | 1,289,029 | 02/19/1962 | France | | |
| | B2 | | DE 297 01 903 U1 | 05/07/97 | Germany | | Yes |

*Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.